Assignment 12

The due date for submitting this assignment has passed.

Due on 2021-04-14, 23:59 IST.

As per our records you have not submitted this assignment.

1) Nucleoside analogues are used as antiviral and antitumour agent because of the interferes with
   a. Replication termination
   b. Protein synthesis
   c. Feedback inhibition
   d. Enzyme modification
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Replication termination

2) Origin of drug discovery that evolved in natural sources and accidental events is
   a. Lead drug discovery
   b. Structure-based drug discovery
   c. Traditional drug discovery
   d. Library-based drug discovery

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Traditional drug discovery

3) Physical chemical or any other property (independent variable) used for generating QSARs is termed as
   a. Predictor
   b. Descriptor
   c. Dependent
   d. Regression

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Descriptor

4) Molecular weights, number of chemical elements, number of H-bonds or double bonds are the example of what class of descriptors?
   a. Physicochemical descriptors
   b. Topological descriptor
   c. Quantum chemical descriptors
   d. Constitutional information descriptors

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Constitutional information descriptors

5) An in-depth description of molecular features those are necessary for molecular recognition of a ligand by a biological macromolecule is termed as
   a. Pharmacophore
   b. Descriptor
   c. Receptor
   d. Drugability

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Pharmacophore

6) Which of the following programs define the volume available to a ligand by fitting its active site with spheres?
   a. DOCK
   b. Pyrdal
   c. COOT
   d. SMART

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   DOCK

7) The computational technique used in drug discovery to search libraries of small molecules in order to identify those structures which are most likely to bind to a drug target, typically a protein receptor or enzyme is known as
   a. Molecular docking
   b. Virtual screening
   c. Molecular modeling
   d. Design

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Molecular docking

8) Which of the following is required to perform a molecular docking study?
   a. GRID
   b. reemCP
   c. Ceep
   d. spotDP

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   spotDP

9) Which of the following is not required in molecular docking based virtual screening?
   a. 3D structure of the protein
   b. Library of small molecule
   c. Selection of proper protein-ligand complex
   d. Melting temperature of protein and small molecule

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Melting temperature of protein and small molecule

10) The fraction of dose (any drug molecule) that passes the gut wall is termed as
    a. Partition coefficient
    b. Oral bioavailability
    c. Absorption
    d. Clearance

    No, the answer is incorrect. Score: 0
    Accepted Answers:
    Absorption